con Sated Hard 10" 1828 Unaugural Difsertation on a last of luxalist Odin-joint where the head of the bone was lodged in the Thyroid foramen Submitted for examination To the medical Thouly University of Dennsylvania For the Dyree of Doctor of medicine Benjamin Comlinson Jennsy harria Tehuary

pe

To Solar Phillips M. L. of Briskle, Bunglamia.

Electing the weight of you hindens to majore me the received of a medical mesenties, and in directing my mine to the persent of visioner.

I would by lan to dedicate to you this Jay as an humble tellinery of that goodstick which I that always feel happy in theisthing. And that your radually life may be

personers to an age right with home as it now is with admination, is the surer page of

Your most obesient and borr Grappel pupit, Benjamin & Tombirth

Inaugural Epay ve

Then is decreedy a disease, or accident in many figures to have been hearted life expension of the form has been been that he form of legisteen of the former, on which the heart of the former of the former of the former than the former than the former throughout on the second and former than the former of the throughout on the first of the former of the throughout of the second of the second

Then observations have been firely imprepared upon my mind by having later witingers an amount of the grains of reduction of the grains of hydron, by Continuous selve can havely be arrived of recent of these on history.

After a very few observations I shall provide directly to the history and trustment of this



injury the articulation which consult the hund to the lower systems, not marky for and mitterline of our systems, not marky from the system part for from the system of the systems at the systems of the second systems of

It is present by the seriou of the layer bowe, the thingest by amounts, and must proceeped weeks in the burnance bedge.

walking, leaping, riving de.

To inster into a minute sector of them pure much be enjangement and unusurfuy, I thate business are active aspen in the form of highlings which I consider to be of the first importance that most particular the notice of the disposition was most particular models of the sentime to explain the most particular periods of the unpotential policies and entire cripple for a longer on thereto frequency as misseable opicitives.



This is the only form of Luxation of this joint

which exposes the musels to lawration, or in any special asym puts there upon the Statch.

When the honce of the love is looged in the bysice frames, not only the cotyline bysomet we regard amounted of the thick must be the high must

to them by the percept extension which they must with, and in which the layer our have to participate to me small degree.

In all the other forms of legation of this

Fir ale the other from of beginning to just the limb becomes shortment, and conservently the extent of musicular action is

proportionally diminished.

The way this occident generally takes place is by a face bything upon the for on tener, when he by is there without outsmost, on a some what haskwards. The capone is then town though; bu soffice by amount is baccolie. but the round



Execute is not always believe, there given my to heckerster maybe and the make of the persons some in content and the making of the definer and the major of the Machellana, which art is a pelanna to there to have you the the Majoride pransers, upon the obtained into the Majoride pransers, upon the obtained principles that and a recommendation to the majoride the account is accounted for

The signed schools accompany the found; the found; the found; the found is large black of the signed and internal part of the lines is maded, the supper and internal part of the bellow the schools and the bellow the sound the about a not fless on muscles is filled expected head of the separable peter which the supper and the owner part of the thirty when the good books to form on the form of the form of the form of the motivate of a contract form of the fort manufacine its motivate.



unition with the cription of it occasionally thing beauted thickly subvared. In live is found partiable beaut, and as high is wifee in a facility consistion. It is apparatus from the me on the opposite since. The advances mother from their principle of since the subvariation of installing beautiful is a facility of the rate and which is full from the public to below the middle of the high-like one and attended of the high-like one and attended of the high-like one and attended their them.

is a rotating meeting in the limb, as asserting by a state of shooting in his questionist from logar similar by the last of the last of the last for the last formards, stateribing a semisirenter metion ordered or describing

There symptims as I have given them one as they come in a case which results came under the notice and came of my Receptor De Things of mills described describing his month of Suly last = the case is as follower.



P. S. an elserly sentleman of Brittel, was walking on the margin of a live where he widenthe thembled - his left has being industry soilsected, received the whole weight of his falling vode and was signed thrown out of what , Somal unsucceptiful attempt on made I view a list he to somewined until I arrived ( my suced in view from home, when all the above uniber symptoms were upon him - ato force tat Directed appele was sufficient is time the askedd sind in any manner brands the tound me. On the arrival of the Doctor he was There in the setuction director by Pilney for reducino luxater hije joint ; and my means of reduction was made use of the the sould impley with a avoider Hocked will manner by the strong assistant. Theses combined with inge done of Emelie Savler, and copious bloodwithing were while incompeleut to remove the



had of the home in any hereighthe measure bounds

I to the sight have one accourage to make made to make manufactured with a more conveyer to the should adopte the mountains seemed to the should adopte the mountains as a section and the same again hough the to the land at the dame made of president which was although with the towns without a self-the town making a result. The towns willings result the towns with the town with the town with the town and the same and a solution whether and a property weeks a problem whether the president the town to preside the problem to the

The circumstances of this care, has me to consider more mirerally. The anatomy of the part, that I might be sold from a supported profession was undersupportly professioned. The circle, I shall endeaver the first, I shall endeaver



But before I enter upon the causes why the ione was not replaced I shall state the hestment of such accidents as wineted by the late Properor Dosey in his Clements of Jungery - He was the patient thousand be laid on his back upon a table conced with a matter or polara blankets. Catintion and ourstweetention should be made by seeming the patient with a band paper isteren the purcondum and lexaled thigh justened to a post or stiple in the wall . on given into the hands of a sufficient number of afterlands. His counter extension is made. whilet extension is performed by surving a polared threat or strong band above the loner by means of a roller proper tightly around the limb at this place. To this, pullies are to be applied, or a sufficient semuler of atistants to sear the read of the love from it immatural vituation. Should not this prove succeptul,



he is to part a line under the thirty and around the whentienery the cruster, who had his time on the courte of the climan and rains the head of the circum the the margin of the authorities it must be part in which it gains the market it gains the market between the courter to gain the market between the courter to gain the

Thus this formistable joint is applicate one it improved the surprise of the improved that the analysing of the parts for any strict of stratem to be of the basis of administration of the principal surprise of the surprise

Tichen the origin and intertion of them muscles schick semmed the hip frint are middred , it must be evident from the dituation



of the heart of the love and the lightened modifier of the link . Not by are much upon the state, and this constant ensistem com only prom the state of months to increase their materials contact their materials contact their

Should we approvate this since y retire to giving posts in judice to their offerts is the second to seem than unless - get it is take that it not only thouse is come but thouse to employ an extile to should be continued until to should be continued on which we have to get the sounds are on the should be consumed to the should be consumed to be should be consumed to the should be

Now for any advantage is to be games by this move of operating, I am at a left to administ, from their several resident style it being in a direction from the acceptantame 23, by the metalion of the museular blue and last the beaution of the museular blue in the formation in the second of the se



the restriction of the limb - Chess istend fan conditions are contained to terms of the most beautiful of the most conceins them to be immedian experience of the conditions in accordance of the fact of the hostones in much of them. After secretary street this much of the conditions evidents that me to the hostones evidents that no exhibition can be of the last popular advantage of most in a line with the body but with my marked in a line with the body but with my most and a line with the body but with my marked in a line of the surface of t

This shings me to consider the reach directed in Course of Jacques directed fresh life consisting the account, the light which accompany it and the account on diseased me, they go not be that the mean of granting, which is as selling.

"The restriction of this vierbeation is generally



can easily offselved. If the accident has happened seemble all that is required is to place the hallon't expore his back, deparate the thinghe as widtly are profession and engage part of the thinghe, for it to a start in the easel, the thinghes for the part has been been been been been been a some in the easel of the desired that have expore the things of the desired to the desired of the desired to the same deaves it were the second of the desired that the second of the desired that and is a declarate the second of the second o

that in general it is required to fir the petitis with a get report under that which rated rounds the things, whenever the petitis moved in the same discretion with the head of the land. Obout in them cases when he would in them cases when he will the land of them or form weeks it is had to prive the padent upon that side to fir the first to prove how and carry on the winter the first to grant he winter the publish are



afficient, him to starve the high sciences which to suggest freshed serve the first to move the serve starve the serve serve starve with the think is well as a love of sory Considerable power.

Great lane (la gen on to say must be talan well to comme the lay in any ensistemation dogs a standard to be forced before the best of the talabalane into the inchasion with the substantial from achieves it cannot offen to achieve. In this most of canada of the same of t

time direct of objection but though it is more consistent with the mechanism of this joint, yet it comes not present itself with that leville which there there accompany a subject of a much in socione.

Who object in being to minute in giving the manner in which that greation is disselved, is not for the take of disputing it while he had being in



into the rain who it have interpolate to rether the becaling I have above related. I that how he will a manner of white .

PAnd with respect to the extention and menter extension, this may prove successful as "It Coper soys in some instances, but in those caus where it does to it is because the lacoration of the colydia ligament is such, as to pumit the wax of the Some to stir through the apartice with not little effect for if it to the exper part which is town. he extension will have to be Sufficient to raise the head of the bone to its situal com a level with the margin of the wetabiline . To effect this without having the Vituration ingriformis gemini & guaratus menseles is next to imposible but ramitting they become to relaxed by fatiene or deprived of Their shough by other means, it will avail



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had dithe for the arement to have a remove that amount of with aremove it forms statutes. The time are included to the amount of administration of the context artificial and to appear to be context and and the context of the according to the context of the cont

I trade now proceed to cention at the last weeks of greenberg, that progress to Westian Box.

"A draw engages the language of the appeal with the series when a common one intelled in this life and the series and the transfer the series of the street and the series was former or a language of the street and the series was

"In this service of aitheatine, at the new of the war is the was a sidealist inver than the architectum, it is widered that an extension make in a right sine with the heart of the boy, must sense the seas of the



ine further from it troper blace and tarely mount, instead of a fisting, reasolion. The extention night to be made with the thigh at a right angle or inclining somewhat less than a right angle, to The trink of the body. When the extension had invest the head of the lone from the external situation must, which covers the great foramen it the or immonimation, the upper part of the or fernois must theor be pushed or drawn outerards, which motion will be qually apristed be moving the lower part of the or femoris at the vanu moment in a intrav direction, and by a notation motion of the lone upon its own axis turning the head of the love towards the nestal -· tolien ?

I to regards this more of operation it will be seen at once to meet with a constraint registion for thrush it is sain. The lived should not be assumed in any continued by segme in the head



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of the ine will be present when the westabuleum mis the isoriate match. yes, from what's race lun trisht of the nature of muties and then action, and more narticularly, from what I have harned by my own observation of this part of the Suman suggest. that for such an accident to take race, would require almost a physical impossible with therese the moment we now the tituation and attachment is the orthogon, the pearwales, and in fact, all the musich surrounding the asticular done, we must be consinued of the buth of this umark - also the Caeration of the capsular. ligament; succesaring being in the direction the had of the bone takes, and the sound ligament according to at " Docker, not being holan must werein considerable influence in preventing Such are occurrence over taking piace . I And Sam very doubtful whether the gentlemen und gives this advice. has a practical acquaintance with it



for such is the rareness of the accident that warrely one tractitioner in twenty were witnesses it; So much is this the case . that in the machine of M. Hey who for upwards of thirty years was connected with one of the largest informaries in England none saw but these cases all of which were successfully treated wron these prosocities mineiples. I And in the case I have related though the ligwas flexed and extended, or in other words advansed and retracted, the head of the bone still retains it unratural position in respect to this mode of ormating it will be sufficient to say the force of four thong men aided by remerful pullies was wholly insufficient to effect a reduction.

To proceed with 3 to deep overalion I shall go on to that my reasons who I think it better raturated that the limb to it motional distribution.

I And in the first place with respect to the



musteles. Very one who has districted time nach or carefully read over their description, is anne that those muscles which about the thish renform their office to drawing inwards and dieguela upwards, which when met wien the Shistar as the are in the form of busalier must nece paids draw the head of the some firmly upon its resting place. That they have his kind of action is demonstrated by the lig being thinen out from it fellow. and as I have stated in my discription of the case, no force that I could opply was sufficient to vorcome their usistance. The adductors also though differently situated and response a directly different office, get the manner in which they do it is precisely the same in inewards and upwards, consequently they must prist in huging the head of the love in it innatural hasilion. Our object now is to ovorsome the resisting a retaining force, Which is to be effected. not be



Meeting, now to nauseating doses of amotic later nor by any other means that can be made use of & relax the newsold, whilst this kind of extension is applied, for should they be as relaxed as they are in the dead subject and the wor applied, sufricient to lear the ant from the body, it would out prevent ( as Makey Jage) instead of alusting resustion a Should lateral extension is setor that to ; this has abready been answered in the negative . How then shall we proceed, as neither direct now betrol extension are of any source , ' My answer is in the first-place flex the log to less than a right angle with the low by which the roints of nursular insertion are hought nearer together consequently the power which was the minipal obstacle is at nece overcome in a quat degree, The muscles thus being relaxed the head of the lone can with less difficulty be removed from its unnatural situation





will dough . weener it wonder becalion with an un. is at once orecome and the bone is hard to to draw enperoused and ordermeds, all retalimens into the hands of an exterior with directions or with a bance applied to the part and ful wion he interest and egiper part of the high. and with the upwisous of shight pufores huse of the Some Burres ist astroniating cuiling megoing one by a notating motion accord the Mistiz and bethe whilst here proudings " the direction most required. Tobused westly bureas the autobulum which pupure of the that of the tone, and down he will where the oblinder muddle from the theretoh extention forwards and whereads. in notion why it should not ") make it as a well swowldy - while I the up is jugger you the see

The question now present iten . how shall the Makin! be placed that this question may be performed! I would answer in the following manner: - line lay him on a take course by a matters or poloses clankets, upon his sound side, there pass a caux around the innominata of the affected side . so as to go below the anterior Superior spinous process of the ilium- across the publis and under the tederority of the ischium to be senited with the other end of the bance which is secured to a posty or starle in the wall - this will effect a complish counter chending influences not premitting the body to is straum in any direction by the extending bands and publics which are to is asplied as in ordinary cases, differing only in the direction in which they per-Jane their office - an apistant being behind the patient to support his back and another Should be stationed upon the talle, with a

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tand or strop sufficiently shown to draw the thigh as above director. But all will be in readingle to apport the reduction.

That I have anceaurement to give a respect statement of the motion of the accident; the signal which accompanied it when the wife a few applications on each at the statement when the best would be to the first of an induced to believe they have severe provide succeptful unifold it has been by the same means the begation took it has been by the same means the begation took it has been by the same means the begation took it has been by the same means the begation to the same by the same means the begation with the same while the could meach anical principles and totally storied or only thing that might be continued philosophical.

The second present intermountable applicables and without as has been semanted by a colohabed Sugern and Sundonist? The



margin of the acetahulum is tim of by the wified by much is as to form a plane temper for the head of the bone to dife over, is of head little use.

The last and most placetills that preformed by It his is the only one of the them, which per auti any justifiable general for its implyment. I have given it at pull lough, only moripping

I have grove in a fact anymen of the passint for the supplied on go the extending and country and country and country bands and

Swould now remark, if my views of this tubject; have not met their of the above members to the superiorly their knowledge, for I have no authority but my own observations in making the aposture

contained in this opay -.

